

# FILE NOTATIONS

Entered in NID File

✓

Entered On S R Sheet

✓

Location Map Pinned

✓

Card Indexed

✓

IWR for State or Fee Land

\_\_\_\_\_

Checked by Chief

*QWR*

Copy NID to Field Office

\_\_\_\_\_

Approval Letter

9-6-67

Disapproval Letter

\_\_\_\_\_

## COMPLETION DATA:

Date Well Completed

10-4-67

Location Inspected

\_\_\_\_\_

OW

✓

WW

TA

Bond released

\_\_\_\_\_

GW

OS

PA

State of Fee Land

\_\_\_\_\_

## LOGS FILED

Driller's Log

10-16-67

Electric Logs (No. )

2

E

I

E-I

✓

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

De-silog

*P*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Sinclair Oil &amp; Gas Company

## 3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface ☒

NE NW 34 - 2400' f/South &amp; 960' f/West lines Sec. 22

At proposed prod. zone Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* 2400+ f/line line  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

240' f/drill un.

## 16. NO. OF ACRES IN LEASE

7040

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.805' E & S  
f/29

## 19. PROPOSED DEPTH

1600'

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

WELL SURFACE 5375'

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	100'	100 sx (cont bottom to top)
7-7/8"	4 1/2 or 5 1/2"	-	Total depth	100 sx

Propose to drill well with rotary tools to depth sufficient to test the Coconino formation, top of which is anticipated at 1450'. 8-5/8" OD surface casing will be set at approx. 100' and cemented bottom to top. If productive, 4 1/2 or 5 1/2" OD oil string will be set with sufficient cement to protect all zones, productive zone (s) will be perforated, treated if necessary, and well completed.

Certified location plat ~~is~~ <sup>is</sup> attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*M. E. Brown*  
H. E. Brown

TITLE

Chief Office Clerk

DATE

Sept. 5, 1967

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

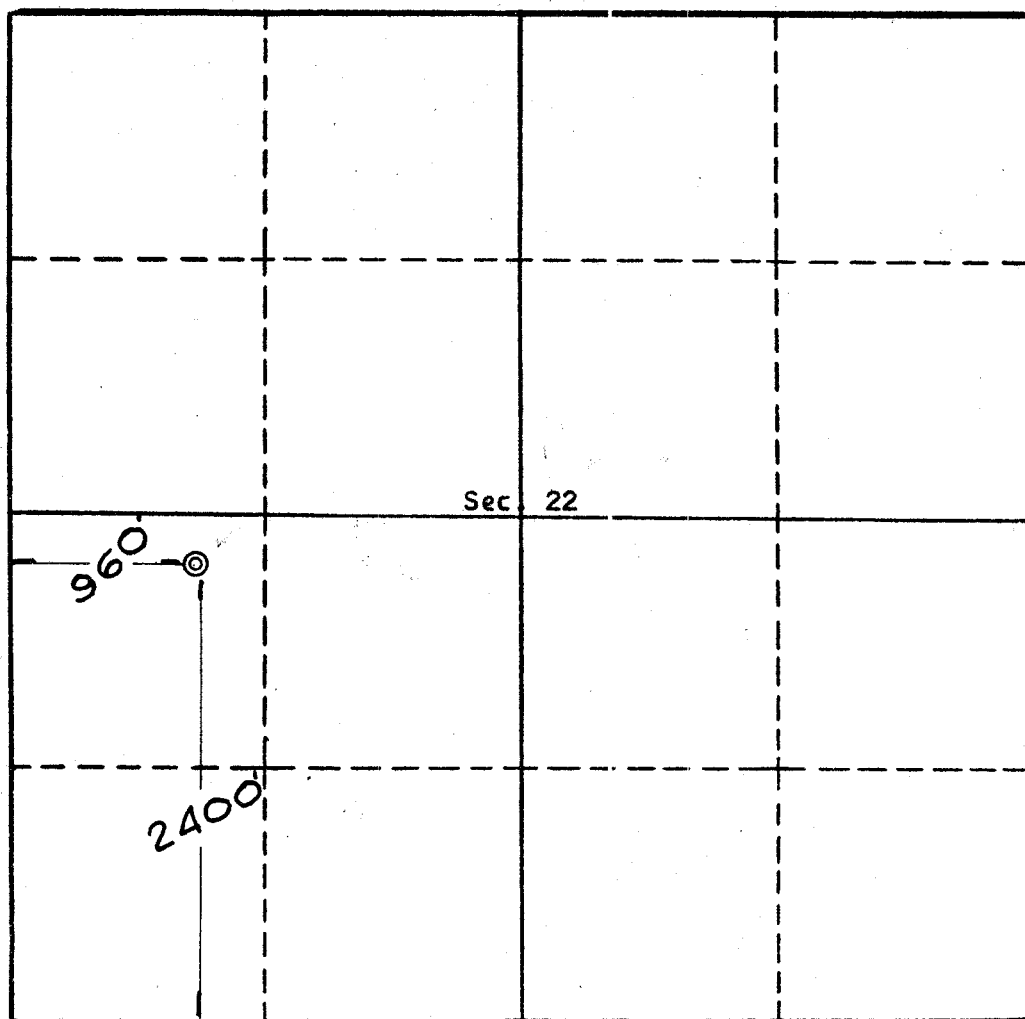
Company SINCLAIR OIL & GAS COMPANY

Well Name & No. WN English #30

Location 2400 feet from the South line and 960 feet from the West line.

Sec. 22, T. 43 S., R. 22 E., S. L. M., County San Juan, Utah

Ground Elevation 5375, ungraded.



Scale, 1 inch = 1,000 feet

Surveyed September 2, 19 67

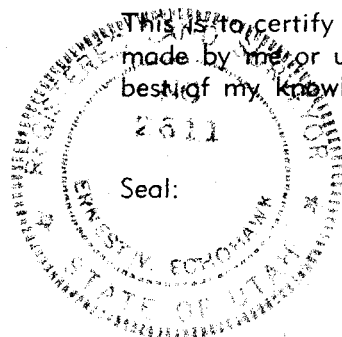
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

2611

Seal:

*E. V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611



September 6, 1967

Sinclair Oil & Gas Company  
501 Lincoln Tower Building  
1860 Lincoln Street  
Denver, Colorado 80203

Re: Well No. English WN #30, ✓  
Sec. 22, T. 43 S., R. 22 E.,  
Well No. English WN #31,  
Sec. 21, T. 43 S., R. 22 E.,  
San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted in accordance with the Order issued in Cause 124-1 dated November 10, 1966.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771

This approval terminates within 90 days if these wells have not been spudded-in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

7

September 6, 1967

The API numbers assigned to these wells are as follows:

Well English WN #30 - 43-037-20283.

Well English WN #31 - 43-037-20284.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sc

cc: U. S. Geological Survey  
P. T. McGrath, District Engineer  
Box 959  
Farmington, New Mexico

10

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRI  
(Other instructio. on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>I-149-100-7180</b>
2. NAME OF OPERATOR <b>Sinclair Oil &amp; Gas Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>
3. ADDRESS OF OPERATOR <b>501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203</b>		7. UNIT AGREEMENT NAME <b>-</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NE NW SW - 2400' f/South &amp; 960' f/West lines Sec. 22.</b>		8. FARM OR LEASE NAME <b>English Hill</b>
14. PERMIT NO. <b>Mr. P.T. McGrath, 9/6/67</b>		9. WELL NO. <b>30</b>
15. ELEVATIONS (Show whether DF, RT, GR etc.) <b>5375' OL</b>		10. FRIED AND POOL, OR WILDCAT <b>Boundary Rattle - Cocconino</b>
		11. SEC. T., R., M. FOR BLE. AND SURVEY OR AREA <b>Sec. 22-11N-22E, SIM</b>
		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>Setting surface casing</b> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Spud 6 p.m. 9/15/67. Drld 12-1/4" hole to 144', set 3 jts 8-5/8" OD 2 1/2" ID 55 H cas @ 100' w/ 100 sx Class "A" cement, 3% CaCl, cement circ., plug down 3 a.m., 9/16/67. WOC.**

**9/17/67 - Drilling ahead @ 598'**

18. I hereby certify that the foregoing is true and correct

SIGNED **M. E. Brown** TITLE **Chief Office Clerk** DATE **9/20/67**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TWO COPIES  
Other instructions on reverse side

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>I-1149-TND-7180</b>	
2. NAME OF OPERATOR <b>Sinclair Oil &amp; Gas Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>	
3. ADDRESS OF OPERATOR <b>501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo., 80203</b>		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>NE NW 34 - 2400' f/South &amp; 960' f/West lines Sec. 22.</b>		8. FARM OR LEASE NAME <b>English W</b>	
14. PERMIT NO. <b>Mr. P. T. McGrath, 9/6/67</b>		9. WELL NO. <b>30</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5375 OL</b>		10. FIELD AND POOL, OR WILDCAT <b>Boundary Subst- Coconino</b>	
		11. SEC. T, R, M, OR BLK. AND SURVEY OR AREA <b>Sec. 22-135-22E, SIM</b>	
		12. COUNTY OR PARISH <b>San Juan</b>	13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>Setting oil string</b> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DST 1176-96', Coconino, Open 1 hr, gd blow. Rec'd 600' clean oil, 60' oil out mud, 30 min ISIP 420#, HHP 114-263#, 30 min FSIP 420#, Hyd 830#.

Drilled to 1600'. Ran Induction-Electrolog & Density log. Set 51 jts 5-1/2" OD 11 1/2 & 15.5# casing @ 1600', ground meas., with 100 sx Glass "A" cement. Pumped plug to 1565', plug down @ 5 p.m. 9/19/67. Rel rig 6:30 p.m. 9/19/67

Prepare to perforate and complete.

18. I hereby certify that the foregoing is true and correct

SIGNED M. E. Brown  
**M. E. Brown**

TITLE **Chief Office Clerk**

DATE **9/20/67**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI (TE)  
(Other instruction. A re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>I-149-IND-7180</b>
2. NAME OF OPERATOR <b>Sinclair Oil &amp; Gas Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>
3. ADDRESS OF OPERATOR <b>501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo.</b>		7. UNIT AGREEMENT NAME <b>-</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NE NW SW - 2400' f/South &amp; 960' f/West lines Sec. 22.</b>		8. FARM OR LEASE NAME <b>English NW</b>
14. PERMIT NO. <b>Mr. P. T. McGrath, 9/6/67</b>		9. WELL NO. <b>30</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5375' OL</b>		10. FIELD AND POOL, OR WILDCAT <b>Boundary Butte-Cocconino</b>
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA <b>Sec. 22-438-22E, SIM</b>
		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>Utah</b>

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT

(Other)

**Completion**(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

10/2/67 1565' PB - MI & RU Mesa Field Service. Perf Cocconino 1512-1515' w/ 1/4 jet holes per foot. Set 48 jts 2-3/8" OD tubing @ 1488'. Subd 29 bbl lead water, no oil in 2 hrs. FL 1300'. SD 0" night.

10/3/67 1565' PB- FL 1050' after SD. Subd 7 1/2" 1st hour, 50% water. Then snubbed 6 bbl clean oil, no water, in 6 hrs. Pld tbg. SD 0" night.

10/4/67 1565' PB - Perf Cocconino 1495-1501' w/ 1/4 jet holes/ft. Ran 2-3/8" OD tubing set at 1488'. Subd 28 bbl clean oil in 5 hours, FL 1250'. Ran rods and 2" x 1 1/2" x 8' pump. Prep install pumping equipment.

COMPLETED OIL WELL 10/4/67 - Snubbing at the rate of 134 BOPD f/Cocconino perfs 1495-1501' & 1512-1515'.

18. I hereby certify that the foregoing is true and correct

SIGNED

**M. E. Brown**

TITLE

**Chief Office Clerk**

DATE

**10/7/67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>	
2. NAME OF OPERATOR <b>Sinclair Oil &amp; Gas Company</b>			
3. ADDRESS OF OPERATOR <b>501 Lincoln Tower Bldg, 1860 Lincoln St., Denver, Colo. 80203</b>			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>NE NW SW-2400' f/South &amp; 960' f/West lines Sec. 22.</b> At top prod. interval reported below At total depth			
14. PERMIT NO. <b>Mr. P.T. McGrath</b>		DATE ISSUED <b>9-6-67</b>	
15. DATE SPURRED <b>9-15-67</b>	16. DATE T.D. REACHED <b>9-19-67</b>	17. DATE COMPL. (Ready to prod.) <b>10-4-67</b>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>5375' OL</b>
20. TOTAL DEPTH, MD & TVD <b>1600'</b>	21. PLUG, BACK T.D., MD & TVD <b>1565'</b>	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY <b>0-1600'</b>
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND T/D)* <b>Cocconino - Top @ 1478' to T.D.</b>			25. WAS DIRECTIONAL SURVEY MADE <b>NO</b>
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Induction Electric, GR-Density, Cement Bond</b>			27. WAS WELL CORED <b>NO</b>
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
<b>8 5/8" OD</b>	<b>24#</b>	<b>100'</b>	<b>12 1/4"</b>
<b>5 1/2" OD</b>	<b>14# &amp; 15.5#</b>	<b>1600'</b>	<b>7 7/8"</b>
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
<b>none</b>			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
<b>2 3/8" OD</b>	<b>1480' w/ SN @ 1485'</b>		
31. PERFORATION RECORD (Interval, size and number) <b>Cocconino-1495-1501; 1512-1515 w/4 jet holes per ft.</b>			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
<b>no treatments</b>			
33.* PRODUCTION			
DATE FIRST PRODUCTION <b>10-5-67</b>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <b>Pumping-2" x 1 1/2" x 8' pump</b>	
DATE OF TEST <b>10-4-67</b>		WELL STATUS: (Producing or shut-in) <b>Producing</b>	
HOURS TESTED <b>5</b>	CHOKE SIZE <b>Subg.</b>	PROD'N. FOR TEST PERIOD <b>28</b>	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	OIL—BBL.	WATER—BBL.
		<b>134</b>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>TEST WITNESSED BY</b>			
35. LIST OF ATTACHMENTS <b>Two each of #26</b>			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED <b>M E Brown</b>		TITLE <b>Office Clerk</b>	
		DATE <b>October 12, 1967</b>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, pursuant to applicable Federal and/or State laws and regulations, either are shown below or will be issued by, or may be obtained from, the local Federal office. Reports submitted, particularly with regard to local, area, or regional procedures and practices, are shown below or will be issued by, or may be obtained from, the local Federal office. Reports submitted, particularly with regard to local, area, or regional procedures and practices, are shown below or will be issued by, or may be obtained from, the local Federal office. Reports submitted, particularly with regard to local, area, or regional procedures and practices, are shown below or will be issued by, or may be obtained from, the local Federal office.

See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. Standard/or State office. To the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 25.

**Item 22:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 23 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22; and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each interval, or intervals, top(s), bottom(s) and name(s) (if any) for which separate production is shown. Show the additional data pertinent to such interval.

Additional interval to be separately produced, showing the additional data pertinent to such interval. (See instruction for items 22 and 24 above.)

**Item 23: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 24:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
Wagon	Surface	380	Sandstone, massive red-brn, fn. gr. shaly near base.		
China	380	1260	Shale, red-brn. to gray green. Few silty zones. Fracture limestone.		
Shinarump	1260	1247	Shale & siltstone with much coarsened sand and chert - red to gray.		
Moenkopi	1247	1478	Shale red to gray & green, purple streaked near base.		
Coccorino	1478	T.D.	Sandstone gray-grn. fn. gr. sub angular, Fair to good porosity, staining in upper 40'. Friable below 1510.		

FILE IN QUADRUPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING  
-----

Well Name & Number English WN, Well #31Operator Sinclair Oil & Gas Company Address 501 Lincoln Tower Phone 266-2460 (AC 303)  
1850 Lincoln St.  
Denver, Colorado 80203Contractor Signal Oilfield Service, Inc. Address P. O. Box 1556 Phone 325-6261 (AC 505)  
Farmington, New MexicoLocation NE 1/4 SE 1/4 Sec. 21 T. 43 S R. 22 E San Juan County, Utah.Water Sands:

From	To	Volume	Quality
		Flow Rate or Head	Fresh or Salty
1.	Recovery on DST 1408-1437: (Tool plugged)	30' drlg. mud.	
2.	" " 1411-37: 1140" water, now show of oil		Fr.
3.	" " 1437-47: (Tool plugged)	30' drlg. mud.	
4.	" " 1437-47: 254' oil, 60' muddy wtr.		
5.	No water encountered other than reported on DST.		

(Continued on reverse side if necessary)

Formation Tops:Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-7180

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

English WN

9. WELL NO.

30

10. FIELD AND POOL, OR WILDCAT

Coconino Boundary Butte-

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 22, T-43S, R-22E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

Box 2197, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2400' FSL & 960' FWL (NE/NW/SW) Section 22

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 5375'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The 5½" casing in this well is perforated 1495'-1501' and 1512'-1515' in the Coconino formation. There has been no stimulation of these perforations. We propose a small Sand Oil Fracture of these perforations to stimulate production. About 6,000-8,000# of 10/20 sand in lease crude will be used.

18. I hereby certify that the foregoing is true and correct

SIGNED

B. J. Sartain

TITLE Drlg. Prod. Supv.

DATE 1/17/72

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-7180

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

English WN

9. WELL NO.

30

10. FIELD AND POOL, OR WILDCAT

Boundary Butte-Coconino

11. SEC., T., R., OR BLK. AND SURVEY OR AREA

Sec. 22, T-43S, R-22E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

Box 2197, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2400' FSL & 960' FWL (NE/NW/SW) Section 22

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GL, etc.)

GR 5375'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 1/31/72 - POH w/rods & tubing.

On 2/1/72 - Ran packer and set between perforated zones and broke down each zone w/lease crude. Pulled packer and tubing. Sand oil fractured down 5 1/2" casing w/10,000# 10/20 sand in 11,000 gal lease crude with 30 plugging balls. Average rate 30 B.P.M., avg. press. 1500 psi. ISI 800 psi. Job complete at 1:20 pm 2/1/72.

On 2/2/72 cleaned out to P.B.D. w/sand pump, ran completion equipment and resumed pumping at 12:01 pm 2/2/72.

18. I hereby certify that the foregoing is true and correct

SIGNED

*B. J. Sastan*

TITLE

Drig. Prod. Supv.

DATE

2/14/72

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

031120

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Change of Operator		5. LEASE DESIGNATION AND SERIAL NO. 1-149-Ind-7180	
2. NAME OF OPERATOR Present Operator ARCO Oil and Gas Company, a Division of Atlantic Richfield Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 1610 - Midland, Texas 79702		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW SW Section 22-T43S-R22E 2400 FSL 960 FWL		8. FARM OR LEASE NAME English WN	
		9. WELL NO. 30	
		10. FIELD AND POOL, OR WILDCAT Boundary Butte	
		11. SEC., T., R., M., OR S.E. AND SUBST OR AREA Section 22-T43S-R22E	
14. PERMIT NO.	15. ELEVATIONS (Show whether of, ft., m., etc.) GL 5375	12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETS <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Change of Operator <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The parties listed below wish to notify this Commission of the change of operator for the well described above

From: ARCO Oil and Gas Company, a Division of Atlantic Richfield Company  
P. O. Box 1610  
Midland, Texas 79702

To: Hondo Oil & Gas Company  
P.O. Box 2208  
Roswell, New Mexico 88202

API No: 4303720283

RECEIVED  
MAR 09 1987

DIVISION OF  
OIL, GAS & MINING

Effective Date: January 1, 1987

18. I hereby certify that the foregoing is true and correct

SIGNED <u>J. K. Thompson</u>	TITLE <u>J. K. THOMPSON Attorney - In - Fact</u>	DATE <u>FEB 27 1987</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

\*See Instructions on Reverse Side



25 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
801 1203. • (801-538-5340)

Page 2 of 2

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• REIDA HENRY  
HONDO OIL & GAS COMPANY  
PO BOX 2208  
ROSWELL NM 88202

Utah Account No. N5025

Report Period (Month/Year) 6 / 92

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
ENGLISH WN #29							
4303720254 00525 43S 22E 22			CCSD		I-144-IND-7180		
ENGLISH WN #30					"		
4303710283 00525 43S 22E 22			CCSD				
ENGLISH WN #34					"		
4303710021 00525 43S 22E 16			CCSD				
ENGLISH WN #35					"		
4303730022 00525 43S 22E 22			CCSD				
ENGLISH WN #33					"		
4303730027 00525 43S 22E 21			CCSD				
ENGLISH #1					"		
4303715911 10995 43S 22E 22			PRDX				
ENGLISH #6					"		
4303715915 10995 43S 22E 16			PRDX				
ENGLISH #7					"		
4303715916 10995 43S 22E 16			PRDX				
ENGLISH #9					"		
4303715918 10995 43S 22E 16			PRDX				
ENGLISH #10					"		
4303715919 10995 43S 22E 21			PRDX				
ENGLISH #11					"		
4303715920 10995 43S 22E 26			PRDX				
ENGLISH #37					"		
4303730805 10995 43S 22E 22			PRDX				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

## MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET  
ROSWELL, NEW MEXICO  
88201

June 19, 1992

Utah State Tax Commission  
160 East Third South  
Salt Lake City, Utah 84134

Re: Field Number : 305  
Field Name: Boundary Butte  
San Juan County, Utah

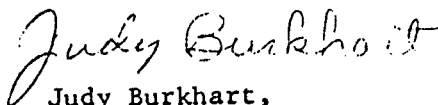
Dear Sir;

Please be advised that Mountain States Petroleum Corporation has acquired the interest of Hondo Oil & Gas Company, Post Office Box 2208, Roswell, N.M., 88202-2208, in the captioned property.

As operator, Mountain States will be filing and remitting Oil and Gas Severance Tax, Mineral Production Withholding Tax and Oil and Gas Conservation Tax for this property to the State of Utah. It is our understanding that these taxes are remitted quarterly. Hondo has filed and remitted for the 1st quarter of this year. Mountain States will begin filing and remitting with the 2nd quarter.

Please furnish this office at Post Office Box 1936, Roswell, New Mexico, 88202-1936, attention Judy Burkhart, all necessary forms, coupon books, reports and instructions that are applicable. Mountain States Petroleum Corporation's Tax I.D. number is 85-0204476. If you are in need of anything further in this matter please contact the undersigned at (505) 623-7184. Thank you.

Sincerely,



Judy Burkhart,  
Secretary



C N217800643

**Hondo Oil & Gas Company**

Box 2208

Roswell, New Mexico 88202

(505) 625-8700



REC'D USTC P.B.  
JUN 25 1992

June 23, 1992

Utah State Tax Commission  
160 East 300 South  
Salt Lake City UT 84134-0410

Re: Utah Severance Tax  
Return TC-801  
Hondo Oil & Gas Company  
N5025

Gentlemen:

The Second Quarter taxes due to be paid September 1, 1992 for the English that Hondo Oil & Gas Company has been remitting will be paid by Mountain States Petroleum.

Mountain States Petroleum purchased the English lease effective February, 1992. Please write to them if you need further documentation to record this change of responsibility with your office.

Please direct any and all future correspondence regarding the English to:

Mountain States Petroleum  
PO Box 1936  
Roswell NM 88202-1936

Sincerely,

*Toni Reeves*

Toni Reeves

/drs

copy: Mountain States Petroleum

## MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET  
ROSWELL, NEW MEXICO  
88201

June 26, 1992

Utah State Tax Commission  
160 East Third South  
Salt Lake City, Utah 84134

Re: Identification Number  
Request for New Application

Gentlemen:

Please refer to Mountain States Petroleum Corporation's letter dated June 19, 1992, and Hondo Oil & Gas Company's letter dated June 23, 1992, relative to the change in ownership of the English lease and wells located in San Juan County, Utah.

Please furnish Mountain States with an identification number or application for the same in order that we may successfully file and pay the Second Quarter taxes which will be coming due for this property.

Please direct your reply or any questions you may have concerning this matter to the undersigned at Post Office Box 1936, Roswell, New Mexico, 88202-1936 or (505) 623-7184. Thank you.

Sincerely,

*Judy Burkhart*  
Judy Burkhart,  
Secretary

Enclosures: 2  
Attachment

RECEIVED

JUL 28 1992

DIVISION OF  
OIL GAS & MINING

## MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET  
ROSWELL, NEW MEXICO  
88201

July 31, 1992

State of Utah  
Department of Natural Resources  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Leisha Romero,  
Division of Oil, Gas and Mining

Re: Change of Operator  
Boundary Butte/English wells  
San Juan County, Utah

Dear Ms. Romero,

Pursuant to our telephone conversation this morning, please find enclosed one Sundry Notice for each well affected by the Change of Operator from Hondo Oil & Gas Company to Mountain States Petroleum Corporation.

As we discussed, after you receive these papers and assign Mountain States Petroleum Corporation an account number you will call our office and advise us of the number so that we can use it to submit our monthly production reports.

If you are in need of anything further in this matter please let me know. Thank you for all of your assistance with this transfer.

Sincerely,

*Judy Burkhart*  
Judy Burkhart,  
Secretary

Enclosures

RECEIVED

AUG 06 1992

DIVISION OF  
OIL GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

3. LEASE DESIGNATION AND SERIAL NO.

I149IND7180

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

English Unit

8. FARM OR LEASE NAME

English WN

9. WELL NO.

30

10. FIELD AND POOL, OR WILDCAT

Boundary Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 22-T43S-R22E

12. COUNTY OR PARISH 13. STATE

San Juan

UT

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Hondo Oil &amp; Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2208, Roswell, NM 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2400' FSL &amp; 960' FWL

14. PERMIT NO.

43-037-20283

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Change of Operator ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
(Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Change of Operator from:

Hondo Oil & Gas Company  
P. O. Box 2208  
Roswell, NM 88202

TO:

Mountain States Petroleum Corp.  
213 E. Fourth Street  
Roswell, NM 88201

RECEIVED

AUG 06 1992

DIVISION OF  
OIL GAS & MINING

EFFECTIVE DATE: 2/1/92

ACTUAL FIELD OPERATIONS BY MOUNTAIN STATES PETROLEUM CORPORATION BEGAN 6/1/92

18. I hereby certify that the foregoing is true and correct

Signed: Roger D. Stetson, President

5/27/92

SIGNED

TITLE Vice PresidentDATE 5-20-92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET  
ROSWELL, NEW MEXICO  
89201

October 21, 1992

RECEIVED

OCT 22 1992

State of Utah  
Natural Resources  
Oil, Gas, & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: Ms. Vicky Corney

DIVISION OF  
OIL GAS & MINING

Re: Form DOGM 56-64-21 for Hondo Oil & Gas Co. Roswell, N M.

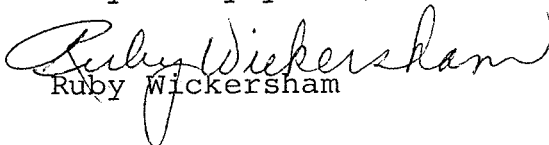
Dear Vicky:

Please find enclosed copies of the above referenced forms made out to Hondo Oil & Gas Co. These properties have been sold to Mountain States Petroleum Corp., and we have been making reports on said properties since June 1992. Mountain States Petroleum Corp.'s Account Number is 9500.

Please check and see if this has all been changed over to Mountain States Petro. Corp.

Thank you for your help in this matter.

Very truly yours,

  
Ruby Wickersham

RLW/ms

Enclosures



# THE NAVAJO NATION

P.O. BOX 308 • WINDOW ROCK, ARIZONA 86515 • (602) 871-4941

PETERSON ZAH  
PRESIDENT

MARSHALL PLUMMER  
VICE PRESIDENT

August 20, 1992

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Paul Slayton  
Mountain States Petroleum Corporation  
213 East Fourth Street  
Roswell, New Mexico 88201

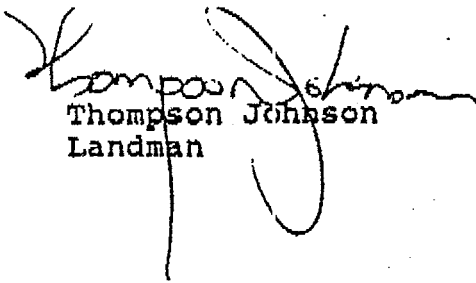
Dear Mr. Slayton:

Enclosed please find an approved copy of the Navajo Nation's Assignment of Mining Lease form for oil and gas lease number I-149-IND-7180.

If you have any questions, please do not hesitate to call our office at (602) 871-6587.

Sincerely,

MINERALS DEPARTMENT

  
Thompson Johnson  
Landman

Enclosure

THE NAVAJO NATION  
MINERALS DEPARTMENT  
DIVISION OF RESOURCES

MAY 13 1992

Minerals Department  
Navajo Nation

ASSIGNMENT OF MINING LEASE  
Part I

Lease No. T-149-IND-7180

1. Date the original mining lease was approved by the Department of the Interior: \_\_\_\_\_

Dated: June 24, 1946 Approved: August 30, 19462. Primary Term: Ten (10) Years Royalty Rate: 12.5%3. Lessor: Byrd-Frost, Inc.4. Description of the land being assigned: S/2 of Section 8; S/2 of Section 15; All of  
Sections 16, 17, 21, 22, 23, 26, 27, 35 & 36, T-43-S, R-22-E; and All of  
Section 31, T-43-S, R-23-E, Salt Lake Meridian, San Juan County, Utah5. Assignor: Hondo Oil & Gas Company6. Assignee: Mountain States Petroleum Corporation7. Portion of the rights/title under transfer: All of Hondo Oil & Gas Company's right, title  
and interest, being an undivided 50% interest.8. Reserved overriding royalties: None

9. Previous assignees and portion of the rights/title transferred and overriding royalties: \_\_\_\_\_

(1) Byrd-Frost, Inc. to Paul E. English - an undivided 25% interest (12-03-46)(2) Byrd-Frost, Inc. to Western Natural Gas Company - an undivided 37.5%  
interest (6-02-47)(3) Paul E. English to Western Natural Gas Company - an undivided 12.5%  
interest (6-03-47)(4) Western Natural Gas Company to \*Sinclair Oil & Gas Company - an undivided  
50% interest (11-23-63)\*Atlantic Richfield Company being successor in interest to Sinclair Oil &  
Gas Company by virtue of merger in 1969

If there were more than four (4) previous Assignees, please use continuation form(s)

The Assignee shall furnish to the lessor (The Navajo Nation, Attention: Minerals Department P.O. Box 146, Window Rock, AZ 86515), copies of all reports filed with the Minerals Management Service and the Bureau of Land Management subsequent to federal laws and regulations, when filed. The Assignee shall furnish also all oil and gas sale tickets, copies of drill stem tests, pressure tests, core analyses, seismic data and any other information required by the Minerals Department for this lease.

Mountain States Petroleum Corporation

By: Roger [Signature]  
ASSIGNEE'S SIGNATURE

5-15-92

Date

P. O. BOX 1936

505 623-7184

# MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET  
ROSWELL, NEW MEXICO  
88201

October 29, 1992

Utah Department of Natural Resources  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84130-1203

Attention: Lisha Romero - FAX # 801-359-3940

Re: Boundary Butte Field  
English Lease - Navajo Nation I-149-IND-7180

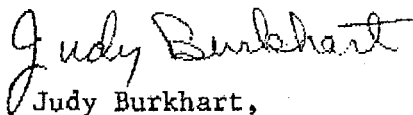
Dear Ms. Romero,

Pursuant to our telephone conversations this date I am faxing you a copy of the assignment of mining lease approved by the Navajo Nation.

As we discussed, all of the English wells are located on this one Indian lease and this copy should allow you to change your records to show that Mountain States Petroleum Corporation took over as operator in June of this year.

If you are in need of anything further in this matter please let me know. Thank you for all of your assistance with this transfer.

Sincerely,



Judy Burkhart,  
Secretary

Attachments: 4 pages





Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

October 30, 1992

Judy Burkhardt  
Mountain States Petroleum Corporation  
P. O. Box 1936  
Roswell, New Mexico 88202

Dear Ms. Burkhardt:

Re: Hondo Oil & Gas Co. to Mountain States Petroleum Corporation.

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce  
Division of Corporations  
160 East 300 South  
Salt Lake City, Utah 84111  
(801) 530-4849

Sincerely,

Lisha Romero  
Administrative Analyst

cc: Dept. of Commerce  
D.T. Staley  
R.J. Firth  
Operator File(s)  
Correspondence File/lde

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>ECR</del>	7- <del>LOM</del>
2- <del>DFS</del>	<del>JS</del>
3- <del>VLC</del>	<del>L</del>
4- <del>RJF</del>	<del>V</del>
5- <del>RWM</del>	<del>V</del>
6- <del>ADA</del>	<del>V</del>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-1-92)

TO (new operator)	<b>MOUNTAIN STATES PETRO CORP</b>	FROM (former operator)	<b>HONDO OIL &amp; GAS COMPANY</b>
(address)	<b>PO BOX 1936</b>	(address)	<b>PO BOX 2208</b>
	<b>ROSWELL NM 88202</b>		<b>ROSWELL NM 88202</b>
	<b>JUDY BURKHART</b>		<b>REIDA HENRY</b>
	phone (505) <b>623-7184</b>		phone (505) <b>625-6743</b>
	account no. <b>N 9500</b>		account no. <b>N 5025</b>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 8-6-92)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 8-6-92) (Rec'd 10-22-92) (Rec'd 10-29-92)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: \_\_\_\_\_. (Letter mailed 10-30-92)
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (10-30-92)
- See 6. Cardex file has been updated for each well listed above. (10-30-92)
- See 7. Well file labels have been updated for each well listed above. (10-30-92)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-30-92)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

N/A 2. A copy of this form has been placed in the new and former operators' bond files.

See 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

See 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

## MICROFILMING

See 1. All attachments to this form have been microfilmed. Date: Mar 3 1992.

## FILED

See 1. Copies of all attachments to this form have been filed in each well file.

See 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

921029 Btm/moab "Handled thru Btm/N.m." (See BIA Approval)

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**Change of Operator (Well Sold)**

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2008**

**FROM: (Old Operator):**

N9500-Mountain States Petroleum Corp  
 3001 Knox St. Suite 403  
 Dallas, TX 75205

Phone: 1 (214) 389-9800

**TO: ( New Operator):**

N3495-Nacogdoches Oil & Gas, Inc  
 PO Box 632418  
 Nacogdoches, TX 75963-2418

Phone: 1 (936) 560-4747

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/9/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/9/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/5/2007
- Is the new operator registered in the State of Utah:          Business Number: 6757345-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: notified 6/10/08
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/10/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/10/2008
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: 301

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. LEASE DESIGNATION AND SERIAL NUMBER:

I-149-IND-7180

8. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Nation

7. UNIT or CA AGREEMENT NAME:

None

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☒

OTHER

8. WELL NAME and NUMBER:

See attached

2. NAME OF OPERATOR:

NACOGDOCHES OIL & GAS, INC.

N 3495

9. API NUMBER:

See attach

3. ADDRESS OF OPERATOR:

PO BOX 632418

CITY NACOGDOCHES

STATE TX

ZIP 75963-2418

PHONE NUMBER:

(936) 560-4747

10. FIELD AND POOL, OR WILDCAT:

Boundary Butte

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER:
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

SELLER:

effective 1/1/2008

Company: Mountain States Petroleum Corp

Address: 3001 Knox ST, Suite 403

Dallas, TX 75205

Phone: (214) 389-9800

Signature:

K. Chambers, Vice President

BIA BOND = 301

NAME (PLEASE PRINT)

Donna Finley

TITLE

Secretary/Treasurer

SIGNATURE

Donna Finley

DATE

4/23/2008

(This space for State use only)

APPROVED

6/10/2008

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAY 09 2008

DIV. OF OIL, GAS & MINING

# FORM 9 Attachment

API Well Number	Current Operator	New Operator	Well Name	Well Status	Well Type	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL
43-037-15911	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 1	Producing	Gas Well	NENW	22	43S-22E	660 N	1980 W
43-037-15915	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 6	Shut-In	Gas Well	SENE	16	43S-22E	2310 N	330 E
43-037-15916	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 7	Shut-In	Gas Well	NENW	16	43S-22E	330 N	1650 W
43-037-15918	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 9	Shut-In	Gas Well	SWNE	16	43S-22E	2310 N	1650 E
43-037-15919	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 10	Producing	Gas Well	SENE	21	43S-22E	1880 N	760 E
43-037-15920	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 11	Shut-In	Gas Well	NENW	26	43S-22E	560 N	1980 W
43-037-20070	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 12	Producing	Oil Well	SENE	21	43S-22E	1550 N	660 E
43-037-20104	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 13	Shut-In	Oil Well	NENE	21	43S-22E	450 N	940 E
43-037-20105	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 14	Shut-In	Oil Well	NWNW	22	43S-22E	1100 N	500 W
43-037-20148	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 16	Shut-In	Oil Well	NWNW	22	43S-22E	400 N	580 W
43-037-20150	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 15	Shut-In	Oil Well	SWSE	16	43S-22E	810 S	1350 E
43-037-20175	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 17	Shut-In	Oil Well	SWNE	21	43S-22E	1400 N	1700 E
43-037-20182	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 19	Shut-In	Oil Well	NWNE	21	43S-22E	150 N	1750 E
43-037-20185	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 20	Shut-In	Oil Well	SENE	21	43S-22E	2350 N	660 E
43-037-20187	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 21	Shut-In	Oil Well	SWSE	16	43S-22E	710 S	2580 E
43-037-20195	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 23	Shut-In	Oil Well	NWSE	16	43S-22E	1600 S	1920 E
43-037-20217	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 25	Shut-In	Oil Well	NESW	16	43S-22E	1480 S	2400 W
43-037-20235	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 27	Producing	Oil Well	SWNW	22	43S-22E	1970 N	180 W
43-037-20239	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 28	Producing	Oil Well	SWNE	21	43S-22E	2040 N	1375 E
43-037-20254	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 29	Shut-In	Oil Well	NWSW	22	43S-22E	2600 S	180 W
43-037-20283	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 30	Producing	Oil Well	NWSW	22	43S-22E	2400 S	960 W
43-037-30021	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 34	Shut-In	Oil Well	SESE	16	43S-22E	250 S	850 E
43-037-30022	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 35	Shut-In	Oil Well	NESW	22	43S-22E	2100 S	1600 W
43-037-30027	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 33	Producing	Oil Well	NENE	21	43S-22E	880 N	240 E
43-037-30805	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 37	Shut-In	Gas Well	SWSE	22	43S-22E	610 S	1940 E

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